Code No: D2502, D4011, D6208
JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
M.Tech II - Semester Regular Examinations September, 2010
SOFTWARE QUALITY ASSURANCE AND TESTING
(COMMON TO SOFTWARE ENGINEERING, INFORMATION
TECHNOLOGY, WEB TECHNOLOGIES)
Time: 3hours   Max. Marks: 60
Answer any five questions
All questions carry equal marks
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1.(a)   What is Software Quality Assurance? Explain the components of Quality Assurance.
  (b)   Explain ISO 9000, Capability Maturity Model Standards.

2.   Explain various Product Quality Metrics with suitable examples.

3.(a)   Explain Economics of SDLC Testing with a numerical example.
  (b)   Explain various methods of establishing Test Policies.

4.   Explain eight considerations in Developing Testing Methodologies.

5.   Explain the following.
        (a) Cause Effect Graphing.
        (b) Joint Application Design (JAD)

6.   Elucidate the methodology to evaluate Automated Testing Tools.

7.   What is V-Testing? Explain 11 step testing process in detail.

8.   Explain about Testing of Client/Server Web applications.

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